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The Gazette of India

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PUBLISHED BY AUTHORITY

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No. 14] NEW DELHI, SATURDAY, APRIL 8, 1989 (CHAITRA 18, 1911)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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PATENT AND DESIGN

Calcutta, the 8th April 1989

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135, of the Patents Act, 1970.

28th February, 1989

168/Cal/89. E. I. Du Pont De Nemours and Company. Apparatus for heating yarn.

169/Cal/89. E. I. Du Pont De Nemours and Company. Poly(P-Phenyleneterephthalamide) yarns of improved fatigue resistance and process for preparation thereof.

170/Cal/89. Yokogawa electric corporation. Dual computer system.

171/Cal/89. Theo Wessa. Apparatus for the production of small clear ice bodies.

The 1st March, 1989

172/Cal/89. United Technologies Corporation. Wind turbine shutdown system.

173/Cal/89. Institut belka akademii nauk sssr. Method for preparative expression of genes in cell-free system of conjugated transcription/translation.

174/Cal/89. Metallgesellschaft aktiengesellschaft. Granular bed filter and centrifugal separator.

175/Cal/89. Oliver rubber company. Improved tire recapping apparatus.

The 2nd March, 1989

176/Cal/89. Carow international, Inc. Multiple flow dispensing cap.

177/Cal/89. Mediolanum Farmaceutici Srl. Process for the preparation of pyridobenzothiazino derivatives. [Divisional dated 01-03-85].

178/Cal/89. Emerson electric co. Reversing psc motor design capable of high reversal repetition rate.

179/Cal/89. Emerson Electric Co. Ventilated electric motor assembly.

180/Cal/89. E. I. Du pont de nemours and Company. Method and apparatus for reducing the moisture content of wet yarns.

181/Cal/89. E.I. Du pont de nemours and company. Azeotropic compositions of 1, 1-difluoro-2, 2-dichloro-ethane and methanol or ethanol.

182/Cal/89. Texaco development Corporation Thermally insulated quench ring for a gasifier.

The 3rd March 1989

183/Cal/89. Westinghouse electric corporation. Improvements in or relating to optical fiber moisture sensor.

The 6th March, 1989

184/Cal/89. Shin-Etsu Film Co., Ltd. Polypropylene film and method for preparation thereof.

185/Cal/89. Hoesch maschinenfabrik deutschland ag. Lathe for machining the brake discs of a wheelset removed from a track vehicle.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013

The 21st February, 1989

42/Bom/89. Saraswati Srikanth & Others. Kobra wiring device.

The 23rd February, 1989

43/Bom/89. Ion Exchange (India) Ltd. Improvements in or relating to devices used for resin based treatment of liquids such as water softening deionization, non-water treatment like purifying glyoval sugar solutions and effluent treatment.

44/Bom/89. Ion Exchange (India) Ltd. An improved electro-chlorinator (E.C.) improved electrode system therefor, and to an improved method of making electro-chlorinator.

The 24th February 1989

45/Bom/89. Anand Vinayak Gogte. Improved design of automatic dish washing machine.

46/Bom/89. Anand Vinayak Gogte. Improved design of theft proof and leak proof water tap.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

The 20th February, 1989

135/Mas/89. John Michael Simpson. Surgical pressure Plaster. (February 22, 1988; United Kingdom).

136/Mas/89. Minnesota Mining and Manufacturing Company. Sheet Material used to form portions of fasteners

137/Mas/89. Erich-Klaus Martin. Method of cleaning and reclaiming used oils.

The 21st February, 1989

138/Mas/89. Mamana Venkata Satya Surya Prasad. Stile.

139/Mas/89. Sulzer-Escher Wyss AG. Pusher centrifuge.

140/Mas/89. Minnesota Mining and Manufacturing Company. Silyl 2-amidoacetate and silyl 3-Amidopropionate compositions.

141/Mas/89. Moltech Invent S.A. Molten salt electrolysis with non-consumable anode.

142/Mas/89. Maschinenfabrik Rieter AG. A system for the controllable movement of an elongate structure.

143/Mas/89. Dana Corporation. Spring Clutch Assembly.

The 22nd February, 1989

144/Mas/89. Minnesota Mining and Manufacturing Company. Polymer claddings for optical fibre waveguides.

145/Mas/89. Elkem A/S. Drilling muds and oil well cement slurries.

146/Mas/89. Hoogovens Groep BV. Method of measurement of the level of the surface of a metal bath.

The 23rd February, 1989

147/Mas/89. Lucas Industries Public Limited Company. Improvements relating to lever mechanism. (February 25, 1988: United Kingdom).

148/Mas/89. Beecham Group p l c. Compositions. (February 25, 1988; Great Britain).

149/Mas/89. Pre-Mac (Kent) Ltd. Portable water-purifying devices. (February 29, 1988; Great Britain).

150/Mas/89. Cheluwachari Kalachari. A device for generating electricity using sea-waves.

The 24th February, 1989

151/Mas/89. Links Promoters Ltd. Electrical plug.

152/Mas/89. William Reginald Stokeld. Pump (February 26, 1988; Australia).

153/Mas/89. Josef Toth. Quadratic press.

154/Mas/89. Wang Laboratories Inc. & West Publishing Company. Improved Research Apparatus.

PATENTS SEALED

162568	162625	162626	162699	162808	162855	162894
162895	162896	162902	162945	163078	163116	163117
163119	163143	163144	163145	163146	163147	163148
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163216	163217	163219	163262	163263	163271.	

AMENDMENT UNDER SECTION 78 OF THE PATENTS ACT, 1970

In Patent specification No. 162757 Claim 19 to 32 has been deleted.

AMENDMENT SPECIFICATION NO. 162757

In pursuance of leave granted on 21st February, 1989 under Section 78 of the Patents Act, 1970 the specification has been amended as follows:

CLAIMS 19 to 32 *deleted.*

RENEWAL FEES PAID

141906	142820	144739	145987	146260	146388	146393
146871	147145	147352	147590	148299	149011	149289
149424	150157	150347	150526	150663	150675	150679
151033	151048	151086	151186	151718	152007	152076
152104	152283	152346	152669	152686	152884	153018
153217	153417	153467	153473	153514	153542	153550
153593	153698	153778	153810	153851	153955	154040
154111	154205	154363	154852	154856	154872	154873
154874	155149	155151	155154	155155	155156	155181
155208	155276	155347	155607	155979	156097	156488
156519	156989	157030	157067	157338	157394	157567
157671	157672	157691	157706	157719	157732	157733
158051	158095	158129	158447	158612	158691	158729
158741	158807	158813	158945	158964	158996	159180
159181	159231	159264	159278	159485	159503	159535
159545	159746	159913	159947	159982	160046	160061
160091	160263	160275	160369	160407	160447	160456
160585	160660	160734	160743	160827	160888	160930
160959	160970	161130	161131	161149	161151	161159
161160	161171	161202	161206	161207	161209	161216
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161965	161970	162025	162266	162301	162654	162849.

CESSATION OF PATENTS

147770	a147772	147774	147775	147776	147780	147781
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147878	147881	147883	147885	147891	147892	147893
147894	147895	147900	147902	147906	147907	147908
147909	147910	147913	147916	147917	147920	147921
147922	147923	147925	147926	147928	147929	147930
147931	147932	147935	147943	147944	147945	147946
147950	147954	147956	147957	147958	147960	147061
147964	147966	147967	147968	147970	147971	147972
147973	147974	147975	147976	147977	147978	147980
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147994	147995	147998	147999	148001	148003	148004
148006	148007	148008	148009	148010	148011	148012
148013.						

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry in the date of registration of the design included in the entry.

Class 1. No. 160288. Intensiv Industries, Plot No. 9, Cemented Road, Anand Parbat Industrial Area, New Delhi-110 005, India, a Partnership firm. "Castator" 17th October, 1988.

Class 1. No. 160343. Sudhir Malhotra, Indian National of A-2A, Sindhu House, Nananbhai Lane, Fort, Bombay-400 001, State of Maharashtra, India. "Dispenser". 1st November, 1988.

Class 1. No. 160400. Mr. Suresh Todi S/o Sawarmal Todi, an Indian National trading as Todi Metal Industries, having its registered office at Todi Udyog Kendra, 35 Saki Vihar Road, Bombay-400 072, Maharashtra, India. "Spoon". 16th November, 1988.

Class 1. No. 160417. Atlas Cycle Industries Ltd., a public Limited Company, registered under the Indian Companies Act, 1913, Manufacturers & Sellers, having its registered office at Industrial Area, Sonepat, (HARYANA), India. "For cycle Mudguard". 21st November, 1988.

Class 3. No. 160098. Avani Kumar-Indian-with address as M/S Turnomaties, 11, Gopinath Marg, Jaipur-1 (Rajasthan) India. "Electrical Water Heating and Vapourising Appliance". 8th September, 1988.

Class 3. No. 160194. Warner-Lambert Company, a corporation organised and existing under the laws of the State of Delaware, United States of America, having a place of business of 201 Tabor Road, Morris Plains, New Jersey 07950, United States of America. A "Microcartridge for razors". 26th September, 1988.

Class 3. No. 160208. Sun 'N' Shade Enterprise, 136-A, New Colony, Near Geeta Bhavan, Gurgaon-122 001, State of Haryana, India, a partnership firm. "Arm assembly for sun shader of the car". 3rd October, 1988.

Class 3. No. 160287. Jainsons Engineers, 8637, East Park Road, New Delhi-110 005, India, a Proprietorship firm. "Grill for airconditioner". 17th October, 1988.

Class 3. No. 160363. Duralium Corporation (India) a registered Partnership firm, of G-89 Sarvodayanagar, 1st Panjarapole Lane, Bombay-400004, Maharashtra State, India. "Flask". 10th November, 1988.

Class 3. No. 160394. Bata India Limited, 30, Shakespeare Sarani, Calcutta-700 017, West Bengal, India. "a sole for the footwear". 15th November, 1988.

Class 3. No. 160396. Subicon Engineering & Trading Company a partnership firm having its office at plot W-25, MIDC Taloja Industrial Estate, Taloja 410 208, District Raigad, in the State of Maharashtra within the Union of India, "Nuts and Bolts Cover", 16th November, 1988.

Class 3. No. 160397. Subicon Engineering and Trading Company, a partnership firm having its office at Plot W-25, MIDC Taloja Industrial Estate, Taloja-410 208, District Raigad in the State of Maharashtra, within the Union of India. "Nuts and Bolts Ceiling Cover". 16th November, 1988.

Class 3. No. 160398. Kopran Chemical Company Limited, a Company incorporated under the Companies Act, having its registered office at 1076, Dr. E. Moses Road, Worli, Bombay-400 018, in the State of Maharashtra within the Union of India. "Bottle". 16th November, 1988.

Class 3. No. 160399. Subicon Engineering & Trading Company a Partnership firm having its office at Plot W-25, MIDC Taloja Industrial Estate, Taloja-410 208, District Raigad, in the State of Maharashtra within the Union of India. "Gas Cylinder & Bottle Seat". 16th November, 1988.

Class 4. No. 160230. JG Glass Limited, of Pimpri, Pune-411 018, Maharashtra State, India, an Indian Company "Soft drink Bottle". 7th October, 1988.

Class 5. No. 160225. Vasu Agarbathies P.B. No. 390 Mysore-570 004, Karnataka, India. "Cardboard Box'. 6th October, 1988.

Class 10. Nos. 160392 & 160393. Bata India Limited, 30, Shakespeare Sarani, Calcutta-700 017, West Bengal, India. "footwear". 15th November, 1988.

Extn. of Copyright for the Second period of five years.

Nos. 154777, 154769, 157109. . . . . Class 1.

Nos. 154768, 154770, 154774, 154776, 159059, 155783, 155782, 155797, 155796, 159023, 157076, 154778, 160524, 159078, 154772, 154808. ..... Class 3.

Nos. 157023, 157026, 157025, 157024. . ..... Class 5.

Extn. of Copyright for the Third period of five years.

No. 157109. . . . . Class 1.

Nos. 159050, 155783, 155782, 155797, 155796, 159023, 157076, 160524, 159078, 154808. . . . . Class 3.

Nos. 157023, 157026, 157025, 157024. . . . . .Class 5.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

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Int. Cl.[4]: A 01 M 1/14 164551

A MOSQUITO TRAP.

Applicant & Inventor : JEEVARATNAM RAMANATHAN, 54, 1ST CROSS, DOMLUR LAYOUT, BANGALORE-560 071, KARNATAKA, INDIA, AN INDIAN CITIZEN.

Application No. 143/Mas/86 filed 4th March 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims

A mosquito trap comprising a three-legged cylindrical housing with a tapering top, having a wire-mesh dome coated with grease, tar, pitch or the like greasy material placed thereon, the said housing having a red or blue coloured electric bulb holder positioned below the wire-mesh dome and an exhaust fan positioned below the coloured bulb, with means for connecting the coloured bulb and the exhaust fan to source of electricity whereby when the coloured bulb and the exhaust fan are switched on, the coloured bulb is lit and the exhaust fan draws in air through the wire-mesh dome.

Compl. specn. 8 pages Drg. 1 sheet

Int. CLASS[4] : G 07 B 1/00 164552

A COMPUTERISED TICKETING MACHINE.

Applicant : KUMARAVEL THANGARAJ B.E. (Hons.) OF R. G. ELECTRONICS, 216 DR. NANJAPPA ROAD, COIMBATORE-641 018, TAMIL NADU, INDIA.

Inventors : KUMARAVEL THANGARAJ, DR. THANGARAJ GUNAMANI.

Application No. 436/Mas/86 filed on June 5, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims

A computerised ticketing machine comprising :

a microcomputer circuit;

a keyboard for issue and recall of instructions to the microcomputer circuit about issue of tickets;

a memory circuit coupled to the microcomputer circuit for storage of information about issue of tickets;

a display controlled by the microcomputer circuit for visually representing the said instructions and information; and

a printer, also under the control of the microcomputer circuit;

for printing out data supplied by the microcomputer and memory circuits based on the said instructions and information, the electric power to the said machine being furnished by a built-in power supply unit.

Compl. specn. 14 pages Drg. 2 sheets

CLASS : 164553

Int. Cl.[4] : C 07 C 101/72.

A PROCESS FOR THE PREPARATION OF 2-ACETYLAMINO-GENTISIC ACID.

Applicant : HOESCHST AKTIENGESELLSCHAFT, A CORPORATION ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY OF D-6230 FRANKFURT A M MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor : AXEL ZEECK; SABINE BREIDING-MACK; SUSANNE GRABLEY; HARTMUT VOELSKOW; GERHARD SEIBERT.

Application No. 193/Mas/87 filed 18 March 1987.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims

A process for the preparation of 2-Acetylamino-Gentisic acid of the formula 1 of the accompanying drawings which comprises cultivation of streptomyces species DSM 3814 in a nutrient medium, having as ingredients carbohydrates and or sugar alcohols which can be assimilated, and/or natural products containing carbohydrates, and/or nitrogenous nutrients and/or inorganic salts, at a temperature of 18 to 35 degrees centigrade and a pH between 6 and 8, until said compound accumulates in the medium and if necessary isolating the compound by any known method.

This compound has antibacterial effects both against Gram-positive and against Gram-negative bacteria and can thus be used in appropriate medicaments for the treatment of infections caused by bacteria in humans and animals.

Compl. specn. 11 pages. Drg. 1 sheet.

Int. CLASS[4] : C 01 B 17/02 16

A PROCESS FOR THE PREPARATION OF COLOIDAL SULPHUR.

Applicant & Inventor: DR. PARVATHAM SIVAPRASAD, GEMINI ARTS PVT. LTD., 601, MOUNT ROAD, MADRAS-600 006, TAMIL NADU.

Application No. 570/Mas/86 filed July 21, 1986.

Complete Specification left May 27, 1987.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims. No drawing

A process for the preparation of colloidal sulphur in aqueous suspension comprising treating an aqueous solution of sodium thiosulphate with an aqueous solution of oxalic acid in the ratio of 1.0 : 0.507 at room temperature.

Prov. specn. 3 pages.

Compl. specn. 3 pages.

Int. CLASS[4] : A 61 K 31/20 164555

A PROCESS FOR PREPARING A PHARMACEUTICAL COMPOSITION.

Applicant & Inventor : NAGY ADLY HABIB, OF 15, THE CEDARS, ST. STEPHENS ROAD, EALING, LONDON W13, ENGLAND, A BRITISH NATIONAL.

Application No. 91/Mas/87 dated February 10, 1987.

Convention dated February 14, 1986. (No. 8603621; Great Britain).

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

10 Claims

A process for preparing a pharmaceutical composition which comprises admixing 10.5%–73% by weight of Iodostearic acid, 0.95%–33% by weight of Sterculic acid or its derivatives and 20%–87% by weight of a known carrier.

The composition prepared according to this ivention are useful in the treatment of viral infections.

Compl. specn. 40 pages Drg. 3 sheets

Int. CLASS[4] : C 07 H 19/16 164556

A PROCESS FOR PREPARING CARBOCYCLIC PURINE NUCLEOSIDES.

Applicant : TAKEDA CHEMICAL INDUSTRIES, LTD., OF 27 DOSHOMACHI, 2-CHOME HIGASHI-KU, OSAKA 541, JAPAN, A JAPANESE COMPANY.

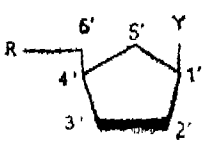
Inventors : (1) YOSHIO TANIYAMA, (2) TAKUMI HAMANA, (3) RYUJI MARUMOTO, (4) NAOKI YAMAMOTO.

Application No. 129/Mas/87 filed February 25, 1987.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A process for producing a carbocyclic purine nucleosides of the formula 1 of the accompanying drawings,



R is a hydroxyl group which may be protected and enin-9-yl, hypoxanthin-9-yl, guanin-9-yl, isoguanin-9-yl, 1-9-vl. 3-deazaadanin-9-yl, 7-deazaadenin-9-yl, 8-azaade-l, 7-deazaadenin-9-yl, 8-azaadenin-9-yl or 2, 6-diamino-)-yl, which may be protected, and the salts thereof, comprises subjecting a compound of the formula II of ccompanying drawings,

Formula II

erein R and Y are the same as described above, and her R_1 or R_2 is a hydroxyl group and the other is a 'drogen, to reduction reaction for 2' or 3'-deoxidation in hich the hydroxyl group of R_1 and R_2 is thiocarbonylated, ollowed by reduction with trityl tin hydride in the presence f α' α,-azobisisobutylonitrile, and each protective group of α, α'-azobisisobutylonitrile, and each protective group of R and Y is removed, if necessary.

The compounds prepared according to this invention can be used in the field of gene manipulation and as an antiviral agent.

Compl. speen. 25 pages Drg. 1 sheet

Int. CLASS[4]: C 07 D 265/38 164557

A PROCESS FOR THE PREPARATION OF NOVEL PHARMACOLOGICALLY ACTIVE COMPOUND.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

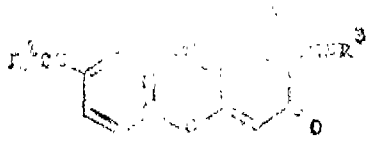
Inventors : (1) AXEL ZEECK, (2) SABINE BREIDING-MACK, (3) SUSANNE GRABLEY, (4) HARMUT VOEL-SKOW, (5) GERHARD SIEBERT.

Application No. 192/Mas/87 filed March 18, 1987.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

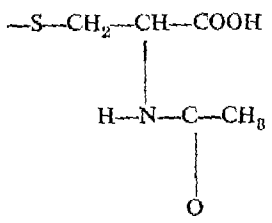
4 Claims

A process for the preparation of the compound of the formula I of the accompanying drawings



Formula I

in which R^1 is selected from hydroxyl or amino R^2 is selected from hydrogen or a group of the formula



and R^3 is selected from hydrogen or acetyl which comprises culturing Streptomyces spec. DSM 3813 on a nutrient medium, having as ingredients assimilable carbohydrates and/or sugar alcohols and/or natural products containing carbohydrates and/or nitrogen containing nutrients and/or inorganic salts, at a temperature of 18 to 35°C and a pH of 5 to 8.5 and isolating the compound in a manner known per se.

These compounds have an anti-fungal and anti-viral action and act as inhibitors lipoxygenase, and can therefore be used in the form of pharmaceutical preparations for the treatment of humans and animals and in the diagnostics field.

Compl. speen. 13 pages Drg. 1 sheet

Int. CLASS[4]: C 07 D 487/00; 513/00 164558

A PROCESS FOR PRODUCING CONDENSED HETEROCYCLIC SULFONYLUREA COMPOUND.

Applicant : TAKEDA CHEMICAL INDUSTRIES, LTD., OF 27 DOSHOMACHI 2-CHOME, HIGASHI-KU, OSAKA, JAPAN, A JAPANESE COMPANY.

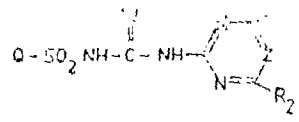
Inventors : (1) YASUO ISHIDA, (2) KAZUNARI OHTA, (3) TATSUO NAKAHAMA, (4) HARUTOSHI YOSHIKAWA.

Application No. 202/Mas/87 filed March 19, 1987.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

9 Claims

A process for producing a condensed heterocyclic compound of the general formula I of the accompanying drawings,



Formula I

wherein Q is a group of the general formula shown in figs. 10 or 11 of the accompanying drawings,

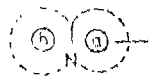
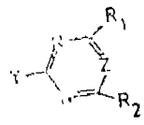


Fig. 10

Fig 11

wherein the ring (a) is a 5 membered heterocycle having one to three nitrogen atoms, and the ring (b) is a 6 membered heterocycle having one or two nitrogen atoms or a 5 membered heterocycle having one or two nitrogen atoms and one sulfur atom (which may be in mono or di-oxidized form), which may be substituted; W is 0 or S; R_1 and R_2 each are a C_{1-6} alkyl group, a C_{1-6} alkoxy group or a halogen and Z is CH or N, or a salt thereof; which comprises reacting a compound of the general formula

$Q\text{-}SO_2X$ (II) or a salt thereof, with a compound of the general formula III of the accompanying drawings



Formula III

or a salt thereof, wherein X is amino and Y is a group of the formula —NH—C—OR (W has the same
||
W

meaning as defined above) and R is a hydrocarbon residue, and the other symbols have the same meanings as defined above, in a solvent which does not hamper the reaction, such as herein described at a temperature between about —10°C to 150°C.

The compounds prepared according to this invention are useful as herbicides.

Compl. specn. 160 pages Drg. 30 sheets

Int. Cl.[4]: A 23 L 1/42 164559

METHOD FOR THE PRODUCTION OF AN ENTERAL DIET PRODUCT WITH A pH LOWER THAN 4.5.

Applicant : NOVO INDUSTRI A/S, A DANISH JOINT-STOCK COMPANY OF NOVO ALLE, 2880 BAGSVAERD, DENMARK.

Inventors : (1) SVEN FROEKJAER, (2) SVEND BRIKSEN, (3) JENS LORENS ADLER-NISSEN.

Application No. 282/Mas/87 filed April 15, 1987.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims

Method for production of an enteral diet product with a pH lower than 4.5 and comprising as dietary nitrogen compounds protein or protein derived compounds, fat, carbohydrate and water, wherein the dietary nitrogen compounds are of a non-bitter nature in conjunction with the other constituents of the enteral diet product, the dietary nitrogen compounds are soluble in aqueous media between pH 2 and 7 according to the solubility test indicated in the specification, at least 50% of the dietary nitrogen compounds is of vegetable origin, the osmolality of the enteral diet product is 350 milliosmol and the total energy content of the enteral diet product being in the range 0.68 kcal/ml to 2.5 kcal/ml by mixing protein or protein derived compounds, fat, carbohydrate and water in a proportion on an energy basis wherein the amount of dietary nitrogen compounds provides 10 to 35% of the total energy content, the amount of fat provides 3 to 60% of the total energy content and the remaining energy content is provided by the carbohydrate, optionally adding known additives such as flavouring agents, sweetening agents, minerals, trace elements vitamins and electrolytes, and minor amounts preferably in the range of 0.05 to 1% of an anionic polysaccharide.

Compl. specn. 30 pages Drg. 1 sheet

Int. CLASS[4] : A 61 K 33/18 164560

A NEW PROCESS OF PREPARING AN IODOPHOR COMPOSITION.

Applicant and Inventor : VEERA RAGHAVAIAH. GADDIPATI, M. PHARM, PRINCIPAL, SRI VASAVI PHARMACY COLLEGE, CONTONMENT, BELLARY-583 104, KARANATAKA, INDIA.

Application No. 307/Mas/88 filed on May 11, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Madras Branch.

1 Claim

A process of preparing an iodophor composition comprising heating 100 gm. of polyethylene oxide to 45°C, adjusting the pH of the mother polyethylene oxide to 2 by adding concentrated hydrochloric acid, adding 5 gm. of potassium Iodide with constant stirring followed by adding 18 gm. of crystalline Iodine under constant stirring for a period of 20 minutes and thereafter diluting the mixture with 900 ml. of distilled water maintained at 45°C.

Compl. specn. 4 pages Drg. Nil

Int. CLASS[4] : C07C 55/22 164561

PROCESS FOR THE PRODUCTION OF TRIMELLITIC ACID AND PYROMELLITIC ACID.

Applicant : AMOCO CORPORATION, A CORPORATION, OF THE STATE OF INDIANA, U.S.A., OF 200, EAST RANDOLPH DRIVE, CHICAGO, ILLINOIS 60601, UNITED STATES OF AMERICA.

Inventors : STEPHEN GREGORY CEISEL, JOHN KARL DARIN, JOSEPH PATRIC EGAN, JUERGEN KLAUS HOLZHAUER, PETER HAMPTON KILNER, WALTER PARTENHEIMER & WAYNE PAUL SCHAMMEL.

Application for Patent No. 398/Del/85 filed on May 14, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

20 Claims

A process for the oxidation of pseudocumene or durene with molecular oxygen to trimellitic acid or pyromellitic acid, respectively, under liquid-phase conditions, characterised in that the reaction generates a heat of reaction and is conducted in a single- or multiple-step process, in a solvent, in the presence of a catalyst comprising of cobalt, manganese plus bromine with or without zirconium at a temperature in the range of 100°C to 275°C, with the stated addition of the bromine component in at least two stages wherein 10 to 35 per cent by weight of the total bromine is added in the first stage and the reminder is added in the last stage and wherein the temperature in the last stage is upward from 175°C and the temperature in the preceding stage is between 125°C and 165°C.

Compl. specn. 41 pages.

Int. CLASS[4] : C21C 7/076 164562

AN IMPROVED PROCESS FOR THE DESULPHURISATION OF FERROUS MELTS IN THE IRON AND STEEL INDUSTRY.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : DHRUBA JYOTI CHAKRABARTI, SUSHIL KUMAR BISWAS & VISHWANATH ANANT ALTEKAR.

Application for Patent No. 511/Del/85 filed on 1st July, 1985.

Divisional to Application No. 666/Del/81 filed on October 14, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

An improved process for the desulphurisation of ferrous melts in the iron and steel industry by treatment with chemical additives wherein the improvement comprises in that the ferrous melt is treated with an additive admixture consisting of 40–60% by wt. fluorspar, 20–45% by wt. lime, 10–25% by wt. silica and soda ash from traces upto 30% by wt. with the condition that the aggregate quantity of the ingredients does not exceed 100.

Compl. specn. 7 pages.

Int. CLASS[4] : C09D 3/48 164563

A PROCESS FOR PREPARING A MOISTURE-SET UNARY COATING COMPOSITION FOR COATING FLEXIBLE SUBSTRATES.

Applicant : BGB-GESELLSCHAFT A PRIVATE WEST GERMAN COMPANY CONSTITUTED BY REINMAR JOHN, RAINER-LEO MEYER & OLGA MEYER, GEB. KLOPFER, ALL OF RHEINSTRASSE 64, D-7580, BUHL/BADAN, WEST GERMANY, ALL WEST GERMAN CITIZENS.

Inventors : RAINER-LEO-MEYER, REINMAR JOHN, ROLF NAGEL AND GUNTER MULLER.

Application for Patent No. 577/Del/87 filed on 18th July, 1985.

Convention date 14th May, 1985/481456/(Canada).

Appropriate office for opposition proceedings (Rule 4, Patent Rule, 1972), Patent Office Branch, New Delhi-110 005.

12 Claims

A process for the preparation of moisture-set unary coating composition for coating flexible substrates, comprising admixing :

35 to 60 wt. % of isocyanate-prepolymer of the kind such as herein described,

8 to 15 wt. % of plasticizers of the kind such as herein described,

0.3 to 2 wt. % of anti-settling agent of the kind such as herein described,

2 to 10 wt. % of flake-like extender of the kind such as herein described,

5 to 25 wt. % of coloring pigment of the kind such as herein described,

1 to 3 wt. % of moisture-binding agent of the kind such as herein described, and

10 to 20 wt. % of aliphatic ester of the kind such as as herein described and setting in any known manner, said admixture in the present of moisture.

Compl. specn. 16 pages.

Int. CLASS[4] : C05G 1/00 164564

METHOD FOR THE MANUFACTURE OF CHLORIDE-CONTAINING AND/OR SULPHATE-CONTAINING NPK-FERTILIZER.

Applicant : NORSK HYDRO A. S., OF BYGDOY ALLE 2, 0257 OSLO 2, NORWAY, ANORWEGIAN COMPANY.

Inventors : OLAV KJOHL, TORSTEIN OBRESTAD & HANS GROLAND.

Application for Patent No. 699/Del/85 filed on 22nd August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

Method for the manufacture of chloride-containing and/or sulphate-containing NPK-fertilizer having reduced tendency for swelling and caking which comprises acidulating rock phosphate with a mineral acid followed by the removal of produced calcium salt, evaporation and prilling or granulation, characterized in that 0.2% to 3.0% reactive MgO and potassium salts are added to the evaporated solution before prilling or before/during granulation.

Compl. specn. 15 pages.

Int. CLASS[4] : G01N 27/30 164565

A METHOD OF MAKING BROMIDE OR IODIDE ION SENSITIVE ELECTRODES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : GOLLAKOTA PRABHAKARA RAO, NAVIN CHANDRA AND GANESA GANAPADIGAL SUBRAMANIAN.

Application for Patent No. 721/Del/85 filed on 30th August, 1985.

Complete specification left on 14th October, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A method of making bromide or iodide ion sensitive electrode which comprises preparing a composite of AgBr and Ag_2S in the case of bromide ion sensitive electrodes

or AgI and Ag_2S in the case of iodide ion sensitive electrodes by adding $AgNO_3$ to a slight excess of mixture of the Na_2S and Na Br or NaI, digesting the resulting precipitate and washing the precipitate thoroughly with water and/or acetone slurrying the digested precipitate with carbon disulphide washing the slurry formed with water, drying and powdering the resultant product comprising the powder under vacuum to obtain non-porous membrane, incorporating the membrane into an electrode body using a epoxy sealant after fixing a shielded wire contact lead to the inner surface of the membrane with the help of a conductive epoxy material.

Provisional specn. 4 pages.
Compl. specn. 13 pages Drg. 2 sheets

Int. CLASS[3] : C21C 7/10 164566

AN APPARATUS FOR CONTINUOUS VACUUM DEGASSING AND COSTING OF MOLTEN STEEL.

Applicant & Inventor : WILLIAM LYON SHERWOOD, A CANADIAN CITIZEN OF 553 GRANVILLE STREET, FIFTH FLOOR, VANCOUVER, B.C., CANADA V6C-1Y6.

Application for Patent No. 158/Del/85 filed on 16th September, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

An apparatus for continuous vacuum degasing and casting of molten steel and other metals from a continually replenished molten metal bath (1) comprising a continuous post-treatment vessel (9) located to said molten bath having a vacuum degassing column section (10) with an evacuated top space maintained over a columnar enclosure for molten metal extending upwards above the level of said molten metal bath (1) and a metal withdrawal tube (12) with the inlet end inserted beneath the surface of said bath and the outlet connected into said degassing column section (10), the lower portion of said degassing column section is in direct communication with a laterally extending pouring tundish section (14) incorporating at least one pouring nozzle outlet (15) situated below the surface level of said metal bath; characterised by an enclosed and sealed cover (32) over said tundish section to exclude the outside atmosphere and prevent communication between the interior of said tundish section and the outside atmosphere during evacuation of said post-treatment vessel (9) and the course of metal passage through said pouring tundish section to said nozzle outlet; and said pouring nozzle outlet (15) having sealed opening and closure means (16) to facilitate evacuation of said tundish chamber section when closed and flow of molten metal therethrough when opened.

Compl. specn. 14 pages Drg. 2 sheets

Int. CLASS[4] : B066F 19/00, 11/00; B02C 1104, 23/02. 164567

PUSHFEEDER FOR FEEDING MATERIAL TO A MILL OR A CRUSHER.

Applicant : HAZEMAG DR. E. ANDREAS GmbH & CO., OF ROSNERSTRASSE 6-8, POSTFACH 34 47, D-4400 MUNSTER, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventor : HELMUT BOCKMANN.

Application for Patent No. 773/Del/85 filed on 23rd September, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A pushfeeder for feeding material to a mill or a crusher comprising a stationary feeding bunker and a feeding tray movable forwards and backwards, a carrierplate of said feeding tray being the bottom of the bunker, characterised in that a front part of the carrierplate of the feeding tray is hinged about a horizontal transverse axle to enable said front part of the carrierplate to pivot up and down, and that a drive means is connected to said front part of the carrierplate for swinging the said front part of the carrierplate up and down.

Compl. specn. 10 pages Drg. 2 sheets

Int. CLASS[4] : C10L 1/00; 3/00 164568

A PROCESS FOR THE PRODUCTION OF HYDROCARBONS.

Applicant : UNION RHEINISCHE BRAUNKOHLEN KRAFTSTOFF AG., A GERMAN COMPANY, OF POST BOX 1663, D-5047 WESSELING, WEST GERMANY.

Inventors : AXEL GIEHR, HERMANN HOVER, KARL-HEINZ KEIM, JOACHIM KORFF AND OTTO NEUWIRTH.

Application for Patent No. 941/Del/85 filed on 13th November, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A process for the production of hydrocarbon of the kind such as herein described by the reprocessing of carbon containing waste materials of the kind such as herein defined and/or biomass which comprises hydrogenating said waste materials and/or biomass with a hydrogen donor selected from one or more of hydrogen, hydrogen-containing gases such as herein described and hydrogen donor solvents such as herein described at a temperature of from 75°C to 600°C, a pressure of from 1 to 600 bar and over a period of from 1 minute to 8 hours.

Compl. specn. 33 pages Drg. 4 sheets

Int. CLASS[4] : A47G 25/14; E05B 69/00 164569

A TROLLEY FOR SUSPENDING HOOKED ENDS OF GARMENTS HANGERS IN A SELECTIVELY RETAINED CONDITION WITHIN THE INTERIOR OF A GARMENT BAG.

Applicant : SAMSONITE CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF COLORADO, U.S.A., OF 11200 EAST 45TH AVENUE, DENVER, COLORADO-80239, UNITED STATES OF AMERICA.

Inventors : LAWRENCE RAYMOND MOBLEY AND JAMES STANELY GREGG.

Appliation for Patent No. 963/Del/85 filed on 18th November, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

20 Claims

A trolley for suspending hooked ends of garment hangers in a selectively retained condition within the interior of a garment bag, comprising :

a C-shaped frame member of substantially rigid configuration having an upper horizontal portion, and a lower horizontal portion extending forward from the lower end of the back vertical portion, the upper and lower horizontal portions being vertically separated by a space which is open at the front end of the C-shaped frame by the back vertical portion;

a jaw member connected to the frame member and extending forward through the space defined by the C-shaped frame member;

a first gripping means connected to the jaw member and facing the lower horizontal portion of the C-shaped frame member;

a second gripping means connected to the lower portion of the C-shaped frame member and facing the jaw member;

the first and second gripping means contacting and gripping the hooked ends of hangers when the gripping means are placed in operative adjacency with one another;

means connecting the jaw member to the C-shaped frame member and for moving the jaw member toward the lower horizontal portion of the frame member to position the gripping means in adjacency with one another for gripping said hanger ends; and

means for connecting the C-shaped frame member within the interior of the garment bag.

Compl. specn. 26 pages Drg. 3 sheets

Int. CLASS[4] : C01B 25/30 164570

A PROCESS FOR PRODUCTION POTASSIUM PHOSPHATE.

Applicant : PROGRESS EQUITIES INCORPORATED. A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF FLORIDA, U.S.A., OF 270 FIRST AVENUE SOUTH, ST. PETERSBURG, FLORIDA 33733, UNITED STATES OF AMERICA.

Inventors : WILLIAM WES BERRY AND WILLIAM RICHARD ERICKSON.

Application for Patent No. 983/Del/85 filed on 22nd November, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A process for producing potassium phosphate comprising the steps of :

(A) rotating a plurality of discrete beds of resin about a circular path between and in periodic fluid communication with a plurality of fixed feed and discharge points;

(B) directing a metal phosphate salt ion exchange fluid through at least two exchange fluid feed points for delivery, sequentially into discrete beds of resin loaded with potassium the metal of the phosphate salt having a greater affinity for said resin than the potassium and thereby being exchanged with the potassium to form a resin loaded with said metal and and an interaction product including potassium phosphate at least one of at least two ion exchange fluid discharge points;

(C) fortifying the interaction product with additional metal phosphate salt and directing the fortified interaction product through at least one additional ion exchange feed point subsequent to the ion exchange feed point supplied in step (B) and through said discrete beds of resin to form a second interaction product including potassium phosphate and unexchanged ion exchange fluid. the second interaction product then being discharged through at least one additional ion exchange fluid discharge point;

(D) directing a regeneration fluid containing a salt of potassium and an anion through a regeneration fluid feed point for delivery sequentially into discrete beds of resin loaded with the metal of said phosphate salt, the potassium of said regeneration fluid having a greater affinity for said resin and thereby being exchange with said metal to form resin loaded with potassium and a second interaction product omprising a water-soluble salt of said metal and said anion and unexchanged regeneration fluid which is discharged through a regeneration fluid discharge point.

Compl. specn. 23 pages Drg. 2 sheets

K. A. ACHARYA
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